

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"US 20080269451"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2010/05/03 07:29
S2	133	engel-robert\$.in. or rizzo-jamielee\$.in. or melkonian-karin\$.in. or watt-paul\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/05/03 08:25
S3	2	"6114484".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/05/03 08:32
S4	1	WO-03086477-A2.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 07:59
S5	409	527/312.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 08:14
S6	105488	hyaluronic or gellan or xantham or succinoglycan or pectin or oxidized with cellulose or chondroitin or dermatan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:38
S7	108302	hyaluronic or gellan or xantham or succinoglycan or pectin or oxidized with cellulose or chondroitin or dermatan or (carboxy or carboxylated or carboxyl) with polysaccharide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:38
S8	243341	antimicrobial or antifungal or antibacterial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:39
S9	334054	antimicrobial or antifungal or antibacterial or biocide or fungicide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:39
S10	629	S7 same S9.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:39
S11	319	S10 and @ad<"20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:39

S12	1141052	anionic or ammonium or quaternary nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:43
S13	1606	S7.ab. same S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:43
S14	1606	S13 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:45
S15	171	S13 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:45
S16	71	S15 and @ad<"20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:45
S17	10	"5476509".pn. or "4923619".pn. or "3928323".pn. or EP-42075-\$. did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 09:56
S18	158221	hyaluronic or gellan or xantham or succinoglycan or pectin or oxidized with cellulose or chondroitin or dermatan or (carboxy or carboxylated or carboxyl) with polysaccharide or alginic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 10:00
S19	216942	hyaluronic or gellan or xantham or succinoglycan or pectin or oxidized with cellulose or chondroitin or dermatan or (carboxy or carboxylated or carboxyl) with polysaccharide or alginic or alginate or hyaluronate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 10:00
S20	1012	S19 same S9.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 10:00
S21	547	S20 and @ad<"20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 10:00
S22	1140730	cationic or ammonium or quaternary nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 10:13
S23	3021	S19 same S22.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 10:13

S24	300	S23 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 10:13
S25	126	S24 and @ad<"20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 10:13
S26	228	S21 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 10:14
S27	6	"2931753".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 10:48
S28	6	("2931753").URPN.	USPAT	ADJ	ON	2010/07/07 10:49
S29	1	"4877617".pn.	USPAT	ADJ	ON	2010/07/07 11:13
S30	2	"4877617".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 11:13
S31	945216	(acrylate or acrylic or methacrylate or methacrylic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 11:24
S32	94082	S31 same S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 11:25
S33	14333	S32 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 11:25
S34	1127	S32.ab. and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 11:25
S35	648	S34 and @ad<"20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 11:25
S36	2	"6039940".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 11:32
S37	22	("2881074"   "3283357"   "4007258"   "4529398"   "4617385"   "4708870").PN. OR ("4877617").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/07 14:55

S38	11	("2853414"   "2881074"   "2972606"   "4443595"   "4520192").PN. OR ("4617385").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/07 15:01
S39	334054	antimicrobial or antifungal or antibacterial or biocide or fungicide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:14
S40	216942	hyaluronic or gellan or xantham or succinoglycan or pectin or oxidized with cellulose or chondroitin or dermatan or (carboxy or carboxylated or carboxyl) with polysaccharide or alginic or alginate or hyaluronate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:14
S41	4849	S40 same S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:14
S42	1140730	cationic or ammonium or quaternary nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:14
S43	27293	S40 same S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:14
S44	7499	S43 and covalent\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:14
S45	379	S41 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:16
S46	139	S45 and @ad< "20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:16
S47	275	S43 same covalent\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:18
S48	135	S47 and @ad< "20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:18
S49	2899	S39.ab. and S40 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:31
S50	1573	S39.ab. and S40 same4 S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:31

S51	917	S50 and @ad<"20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:31
S52	101	S51 and covalent\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 15:43
S53	4665	S40.ab. same ester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 16:09
S54	952	S53 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 16:09
S55	172	S54 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 16:09
S56	88	S55 and @ad<"20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/07 16:09
S57	12379954	ester or graft or side or covalent \$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:40
S58	217155	hyaluronic or gellan or xantham or succinoglycan or pectin or oxidized with cellulose or chondroitin or dermatan or (carboxy or carboxylated or carboxyl) with polysaccharide or alginic or alginate or hyaluronate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:40
S59	945669	(acrylate or acrylic or methacrylate or methacrylic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:40
S60	58584	S58 and S59 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:40
S61	1141629	anionic or ammonium or quaternary nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:41
S62	99674	S58 and S61 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:41
S63	7795	S58 same S61 same S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:41

S64	3703	S63 and @ad<"20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:42
S65	334277	antimicrobial or antifungal or antibacterial or biocide or fungicide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:42
S66	1390	S65 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:42
S67	135	S65.ab. and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:43
S68	303317	hyaluronic or gellan or xantham or succinoglycan or pectin or oxidized with cellulose or chondroitin or dermatan or (carboxy or carboxylated or carboxyl) with polysaccharide or alginic or alginate or hyaluronate or carboxymethylcellulose or carboxymethyl cellulose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:50
S69	4892	S61 same S68.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:51
S70	380	S65 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:51
S71	195	S70 and @ad<"20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:52
S72	1141317	cationic or ammonium or quaternary nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:55
S73	4486	S72 same S68.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:55
S74	380	S65 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 12:56
S75	409	527/312.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 13:08

S76	218	S75 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 13:08
S77	136	S76 and @ad<"20040812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/08 13:09
S78	9	("4831097").PN. OR ("5037930").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/08 13:17

### **EAST Search History (Interference)**

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